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- (71) Applicant (for all designated States except US): ACU-ITY BRANDS, INC. [US/US]; 1170 Peachtree Street, NE, Suite 2400, Atlanta, GA 30309 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ABDELSAMED, Yaser, S. [US/US]; 3400 Canyon Road, SE, Granville, OH 43023 (US).
- (74) Agent: CLARK, Conrad, J.; Clark & Brody, 1090 Vermont Avenue, N.W., Suite 250, Washington, DC 20005 (US).
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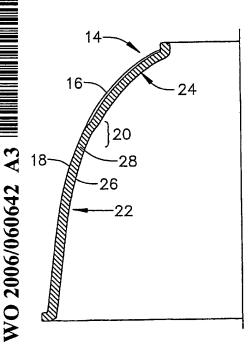
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(54) Title: LUMINAIRE REFLECTOR HAVING IMPROVED PRISM TRANSITION



(57) Abstract: A reflector (14) for a luminaire comprises a generally parabolic wall (28) having series of main right-angled prisms (16) and an interleaved series of transition prisms (18). The main and transition prisms have essentially the same shapes and follow the same overall curvature to control the illumination. The transition prisms transition into the main prisms by merging a peak of a transition prism into the valley between adjacent main prisms in a short transition zone (20). Thus, the transition zone has only a small effect on the overall lighting pattern.